

## **REMARKS**

Applicant expresses appreciation to the Examiner for consideration of the subject patent application. This amendment is in response to the Office Action mailed March 25, 2004. Claims 1-35 were subject to restriction.

### **Election/Restriction Requirements:**

In response to the election requirement discussed in the telephone conversation on March 5, 2004, the Applicant elects species I of FIGs. 5-7. The claims considered readable thereon being generic claim 8. Independent claims 1, 6, 10, 15, 21, 23 and 33 also read upon the elected species. Upon allowance of a generic claim, Applicant is entitled to consideration of claims to additional species.

The Applicant respectfully submits that claim 8 is generic to all embodiments of the invention disclosed in the application and reads on FIGs. 5-15. Claim 8 does not include limitations not present in each of the added species claims.

Specifically, FIGs. 5-14c show a loudspeaker system comprising:

- at least one electroacoustical transducer 11 for converting an input electrical signal into a corresponding acoustic output;
- an enclosure 10 divided into (n) number of subchambers by at least n-1 number of dividing walls with  $n \geq 3$ ;
- a first dividing wall 51 supporting and coacting with said at least one electroacoustical transducer 11 to bound a first (n1) 21 and a second (n2) 22 subchamber;
- a first dividing wall 51 supporting and coacting with said at least one electroacoustical transducer 11 to bound a first (n1) 21 and a second (n2) 22 subchamber;
- at least a first passive acoustic radiator 30 designed to realize a predetermined acoustic mass and intercoupling said first (n1) 21 and second (n2) 22 subchambers;

at least a second passive acoustic radiator 31 specifically designed to realize a predetermined acoustic mass and coupling each subchamber other than said first (n1) 21 subchamber to a region outside each said subchamber;

at least a third passive acoustic radiator 34 specifically designed to realize a predetermined acoustic mass and intercoupling at least one of said subchambers, other than said first (n1) 21 subchamber, to the region outside said enclosure;

each of said subchambers having the characterization of acoustic compliance;

said passive acoustic radiator masses interacting with subchamber compliances to form a total of (n) Helmholtz-reflex acoustic filters of which the output of said at least one electroacoustic transducer 11 and said at least a first passive acoustic radiator 30 must pass through before exiting the enclosure.

It is well understood by those skilled in the art that a passive acoustic radiator is used to realize a predetermined acoustic mass and intercoupling with a next chamber, wherein the next chamber can include a region outside an enclosure.

In the present invention, it is to be understood that the first passive acoustic radiator 30 is always coupled to a subchamber and is never coupled to the region outside the enclosure. The second passive acoustic radiator 31 can be coupled to a subchamber or, alternatively, it can be coupled to the region outside the enclosure.

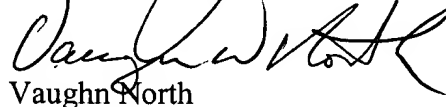
## CONCLUSION

In light of the above, Applicant respectfully requests substantive examination of the pending application. If any impediment remains after entry of this Election, the Examiner is strongly encouraged to call Vaughn North at (801) 566-6633 so that such matters may be resolved as expeditiously as possible.

The Commissioner is hereby authorized to charge any additional fee or to credit any overpayment in connection with this Amendment to Deposit Account No. 20-0100.

DATED this 25<sup>th</sup> day of April, 2004.

Respectfully submitted,



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